APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

The Molecular Flow of Gases Through Apertures and Effusion, by M. Knudsen

GERMAN, per, Ann Phys Lpz, Vol XXVIII, 1909, pp 999-1016.

TPA3/TIB T 4070

AEC 3715

Scientific - Physics
CTS/DEX

8208

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Thermal Molecular Pressure in Tubes, by
M. Knudsen.

GERMAN, per, Annalen der Physik, Vol LXXXIII,
1927, pp 797-821.

NASA TT F-8188

Sci - Phys
15 Jun 62
US GOV'T USE ONLY

201, 221

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

The Laws of the Molecular Flow and of the Internal Frictional Flow of ~~XXXX~~ Gases Through Tubes, by Martin Knudsen, 54 pp.

GERMAN, ~~pub~~ Ann d Physik, 4th series, No 28, 1909, pp 75-130.

~~XXX~~ AEC-Tr- 3303

Scientific - Physics ~~CRB/DEX~~

17,968

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Knudsen, P.
METHOD FOR THE PREPARATION OF AMINE BASES OF THE ALIPHATIC AND AROMATIC SERIES BY ELECTROLYTIC REDUCTION. [1960] 5p.
Order from LC or SLA mi$1.80, ph$1.80 60-16046

Trans. of German patent 143,197, Class 12c, appl. 2 Aug 02, granted 3 July 03.

(Unannounced)

60-16046

1. Cyclic compounds--Reduction
2. Aliphatic compounds--Reduction
3. Amines--Synthesis
I. Knudsen, P.
II. Patent (Germany) 143 197

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Testing of As-Rolled Steel Rounds for Flaws
by the Magneto-Inductive Eddy-Current Method,
by H. G. Knueppel, et al. UNCL

GERMAN, per, Stahl u Eisen, No 10, 1959,
pp 711-718.

KB 4618

Sci - Min/Met
Oct 59

98,733

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Maschinenbauliche Probleme Beim X AVR-Hochtemperatur-reaktor, by H. Knufer.

GERMAN, per, Sonderdruck Aus Der Zeitschrift, Verlag Handelsblatt GMBH. Dusseldorf die Atom wirtschaft, Vol VIII, No 3, 1963, pp 165-170.

*AEC

Sci - Nucl. Sci.

Nov 63

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Schools in Science, by I. Kuzyanin, L. Zubkov,
6 pp. UNCLASSIFIED

RUSSIAN, mp, Lit Gaz, 11 Jan 1955, Encl to Desp
No 299, Moscow. CIA D 199392

Dept of State

Scientific - Miscellaneous CTS 68/May 55

16,461

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Cancerolytic Peptides of Directed Action. Communication 4. New Sarcolysine Derivatives and Their Use in the Synthesis of Peptides Having Sarcolysine in Different Positions in the Peptide Chain, by I. L. Knunyants, K. I. Karpavichus 7 pp.

RUSSIAN, per. Iz Ak Nauk. Otdel Khim Nauk No 6 1962. pp 1024-1030.

CB

Sci

May 63

233,220

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Spectral Characteristics and Reactivity of Carboxylic, Phosphonic, Phosphinic and Sulfo Acid Halides, by A. A. Neymysheva, I. L. Knunyants, 9 pp.
RUSSIAN, pub, Izvestiya Akademii Nauk SSSR, Moscow, Vol 101, No 4, 1960, pp 685-691.
JPRS 14700

I. L. KNUNYANTS

Sol/Chem 353,123
Nov 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Steric Factors in the Dehydrobromination of Amides of B-Bromo Substituted Acids, by I. L. Knunyants, Ye. E. Tytslin, 12 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXII, No 4, 1962, pp 1262-1274.

CB

Sci
Jun 63

232,904

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Knunyants, I. L. and Fokin, A. V.
POLYMERIZATION OF FLUOROLEFINS. [1961]
36p. 116 refs.
Order from OTS or SLA $3.60 62-10562

Trans. of Uspekhi Khimii (USSR) 1951, v. 20, p. 410-429.

DESCRIPTORS: *Ethylenes, *Fluorides, Polymerization, *Polymers.

(Chemistry--Organic, TT, v. 7, no. 10)

62-10562

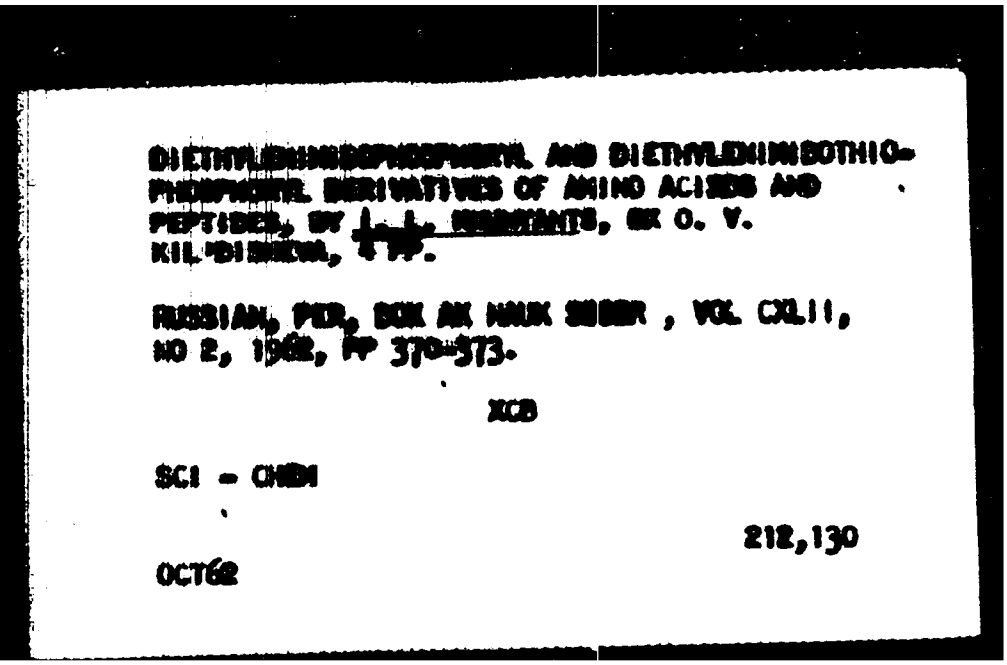
I. Knunyants, I. L.
II. Fokin, A. V.

208219

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9



DIETHYLENIMINOPHOSPHORYL AND DIETHYLENIMINOTHIO-
PHOSPHORYL DERIVATIVES OF AMINO ACIDS AND
PEPTIDES, BY [redacted], AK O. V.
KIL'DISHOVA, 4 PP.

RUSSIAN, PER, DOK AK NAUK SSSR , VOL CXLII,
NO 2, 1962, PP 370-373.

XCB

SCI - CHEM

212,130

OCT62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Fluorine Containing β - Sultones. Part II, Preparation of Fluoromethanesulfonyl Fluoride and Difluoromethanesulfonyl Fluoride, by G. A. Sokol'skiy, I. L. Knunyants, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, 1961, pp 1606-1609.

CB

Sci

202,605

Jul 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Perfluoro a,w-Diolefins and Some of Their Reactions, by I. L. Knunyants, Li Dzhi-yuan', 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1961, pp 1462-1467.

CB

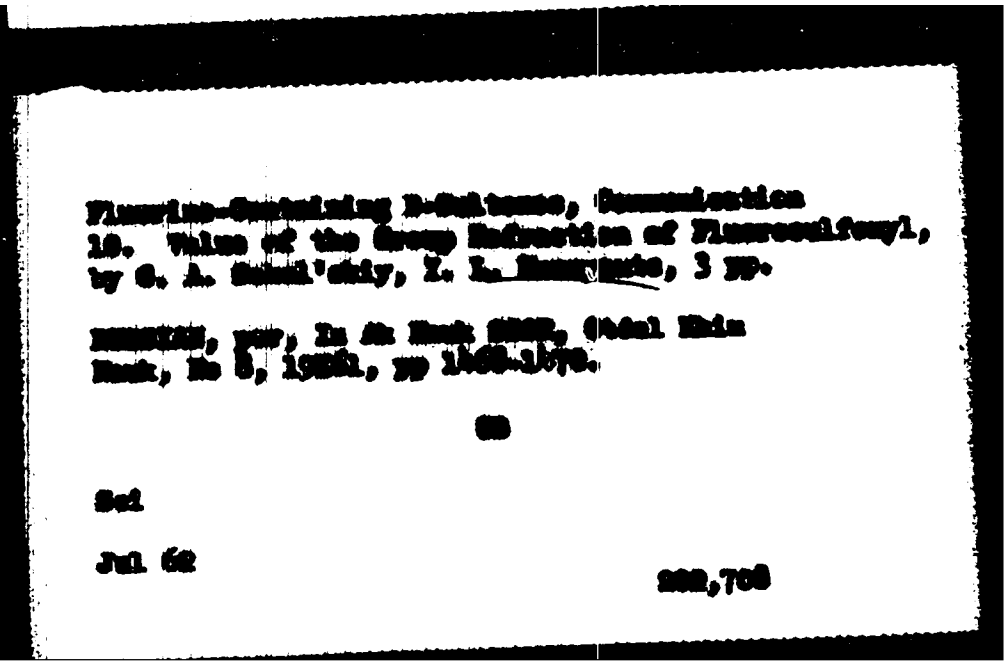
Sci

Jul 62

202,707

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9



Fluorine-Containing N-Substituted [illegible]
10. Values of the Group Reduction of Fluorocarbonyl,
by G. A. [illegible]dzhiy, Z. I. [illegible], 3 pp.

[illegible], 1959, In Russ [illegible], (Natl Chin
Russ, No 5, 1959), pp 1069-1070.

GS

Sol

Jul 62

SOV/708

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Thermal Decomposition of Alkoxides Derived From Tertiary Alcohols Containing Trifluoromethyl Groups, by I. L. Knunyants, Yu. A. Cheburkov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1961, pp 1471-1474.

CB

Sci

Jul 62

202,709

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Nitration of Hexafluorobutadiene With Nitrogen Dioxide, by I.L. Knunyants, A.V. Fokin, et al.

5 pp.
RUSSIAN, per. Izvestiya Akademiya Nauk SSSR, Seriya Khimicheskaya, No 10, 1965, pp 1772-1775.
AFS-14R75R

I. L. Knunyants

Sci/Chemistry
Jul 66

305,988

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

[redacted] Derivatives of Perfluorodicarbonic Acids, by I. L. Knunyants, M. P. Krasuskaya, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Tekh Nauk, No 1 1963, pp 190-192. 9669h01

FTD-TT-63-463

Sci-Chem
July 63

235,825

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Some Reactions of Hexafluoroacetone, by I.L. Knunyants, N.P. Gambaryan, 8pp.

RUSSIAN, per, Is Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1962, pp 688-692.

CB

Sci

23,275

Feb 63

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

β-Lactams. Part IV. Synthesis of 3,3-Diphenlazetidin
-2, I. L. Knunyants, E. E. Gtslin, N. P. Gambaryan,
5 pp.
RUSSIAN, per, Iz Ak Nauk SSR, Otdel Khim Nauk,
No 1, 1961, pp 83-87.
CB

198,124

sci
Apr 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Addition Reactions of Fluoro-Olefins. Part, 14. Concerted Addition of Halogens and Mercury Salts. /
I. L. Knunyants, E. Ya. Pervova, V. V. Tyuleneva,
4 pp.
RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Khim Nauk,
No1, 1962, pp 88-93.
CB

198,123

Sci
Apr 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

B-Lactams. Communication 3. Reaction Mechanism.
By I. L. Knunyants, E. E. Rytalin, pp 8

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 3, 1960, pp 527-534.

CB

Sci
May 62

195,363

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Fluoro Olefins. Communication 12. Reactions of Chlorofluorobutenes with Alcohols, by I. L. Knunyants, B. L. Dyatkin, L. S. German, 5 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1960, pp 231-236

CB

145,377

Sci
Apr 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Some Fluoro Olefins with Phenols, by I. L. Knunyants, B. L. Dyatkin, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1958, pp 648-650.

Consultants Bureau

Sci - Chem

Apr 60

113,628

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Carbenes (Compounds of Divalent Carbon Formed As Intermediates in Organic Reactions), by I. L. Knunyants, et al.

RUSSIAN, per, Uspekh Khim, Vol XXVII, No 12, 1958, pp 1361-1436.

ATS RJ-1976

Sci - Chem

Jun 60

105077

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Fluoro-Olefin Reactions 8. The Reactions of Perfluorovinyl Magnesium Halides, by I. L. Knunyants, R. N. Sterlin, R. D. Yatsenko, L. N. Pinkina. USCL

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11, 1958, pp 1345-1347.

KAE Translation 215

DSIR LLU (loan) M.475

95, 884

Sci - Chem
Sep 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Perfluorodienes, by I. L. Knunyants, V. V. Shoshkina, Li Chih-Yuan, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIX, No 2, 1959, pp 328-330.

CB

Sci
Oct 60

129,941

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication
Synthesis of α-Acylamino β-Thiolactones, by
I. L. Knunyants, O. V. Kildisheva, E. Ya. Pervova
5 pp.

Full translation.

RUSSIAN, bino per, Iz Ak Nauk, Otdel Khim Nauk,
No 4, Jul/Aug 1955, pp 689-695. CIA C 41476

32,619

Consultants Bureau

Scientific - Chemistry
Mar 56 CTS/dex

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Fluoro Olefins. Communication 11. Reactions of Compounds of the Perfluorodibutene Series with Amines and Ammonia, by I. L. Knunyants, L. S. German, B. L. Dyatkin, 8 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, 1960, pp 221-230

CB 145,375

Sci
Apr 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Nitration of Fluoroolefins With Nitrogen Dioxide, by I. L. Knunyants, A.V. Fokin, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1957, pp 1439-1451.

Consultants Bureau

Sci - Chem

May 59

86,981

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

The Solubility of Cellulose in Quaternary Ammonium Bases, by A. A. Strepikheyev, I. L. Knunyants, N. S. Nikolayeva, E. N. Mogilevsky, 4 pp.

RUSSIAN, pub, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1957, pp 730-733.

Consultants Bureau

Sci - Chem

May 59

86,963

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Fluoroolefins. Communication 7. Addition of Acid Chlorides to Vinylidene Fluoride and Trifluorochloroethylene, by I. L. Knunyants, R. N. Sterlin, L. N. Pinkina, E. L. Rozhkova, 3 pp.

[illegible], 1958, Izd-vo AN SSSR, Otdel Khim Nauk, No 3, 1958, pp 296-299.

Consultants Bureau

112, 303

Sci - Chem
Apr 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Determination of the Strength of the Bond Between Radicals and Sulfur in Organosulfur Sulfides by the Method of Destructive Dissociation, by I. L. Knunyants, [illegible] Gambaryan, 9 pp.

[illegible], per, In Ak Nauk SSSR, Otdel [illegible] Nauk, No 10, 1956, pp 1219-1227.

Sent

Apr 56

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

α,β-Disubstituted α-Acylamino Carboxylic Acids. Communication 3. 2,2-Bisacylamino-3-halopropionic Acids, by O. V. Kil'disheva, V. V. Shokina, I. L. Knunyants, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1958, pp 1461-1467

Consultants Bureau

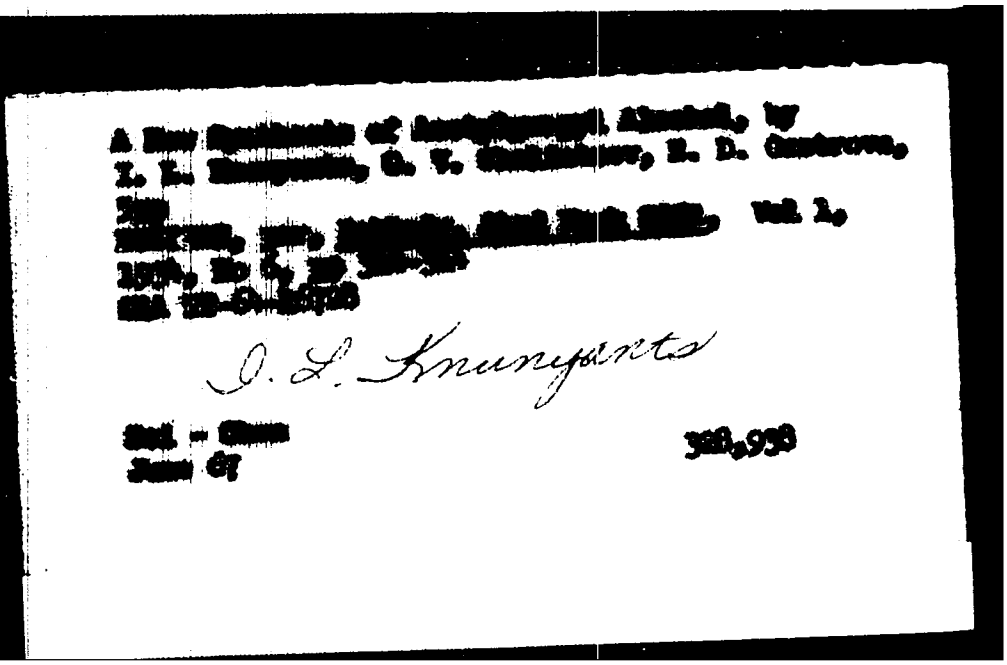
Sci

Apr 60

112,206

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9



APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Fluoroolefins. Communication 8. Reactions of Perfluorovinylmagnsium Halides, by I. L. Knunyants, R. N. Sterlin, R. D. Yatsenko, L. N. Pinkina, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 11, 1958, pp 1345-1347.

Consultants Bureau

Sci

Apr 60

112, 198

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Structure and Properties of Ozmazolones, by O. V. Kil'disheva, M. G. Linkova, I. L. Knunyants, 12 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1957, pp 719-729.

Consultants Bureau

Sci - Chem

May 59

86,961

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Dyes of the di- and Triphenylmethane Series, by Knunyants, I. L. and Berezovskii V. M.

RUSSIAN, Zhur. Obshchei Khimii, 1948, Vol 18, No 4, pp 767-768.

MLL EEB 2488 (On Loan or Purchase)

OTS TT-64-14957 I. L. Knunyants

Aug 65 287,003

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

(NY-5532)

The Principle of Creating Cancerolytic Preparations of Directed Action, by I. L. Knunyants, N. Ye. Golubeva, O. V. Kil'disheva, 10 pp.

RUSSIAN, per, Uspekh Sovrem Biol, Vol L, No 2 (5), 1960, pp 167-173.

JPRS 7819

Sci - Med

142,459

Mar 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Fluoro Olefins.Communication 13. Catalytic Hydrogenation of Perfluoro Olefins, by I. L. Knunyants, M. P. Krasuskaya, E. I. Mysov, 6 pp

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1960, pp 1412-1418.

CB

169,414

Sci

Sep 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

2-Acylamino-3-Haloacrylic Acids. Communication 2. Reactions with Amines and Thiols: New Methods of Preparing Derivatives of Penaldic Acids, by O. V. Kil'disheva, M. G. Zinkova, S. S. Yarkho, I. L. Knunyants, 6 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 7, 1957, pp 820-833.

Consultants Bureau

Sci - Chem

May 59

87,020

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Isomerization of Lactams of β-Amino Acids (2-Azetidinones) into Hydrocarbostyrils, by I. L. Knunyants, N. P. Gambaryan, 6 pp.

ARMENIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 7, 1957, pp 834-839.

Consultants Bureau

Sci - Chem

87,021

May 59

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Hydrodimerization of Acrylonitrile, by I. L. Knunyants, N. S. Vyazankin, 7 pp.

RUSSIAN, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, pp 238-240, 1957.

SLA R-1595
ATS RS-5[illegible]

Sci - Chem
Aug 58

70,536

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

The Anionotropic Rearrangement of Substituted Perfluoropropenes, by B. L. Dyatkin, L. S. German, I. L. Knunyants, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CIV, No 2, X 1957 pp 320-323.

Consultants Bureau

Sci - Chem
Aug 58

69, 130

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reductive Dimerization of Derivatives of α,β-Unsaturated Acids, by I. L. Knunyants, H. S. Vyazankin, 4 pp. 1957

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIII, No 1, pp 112-115.

SLA
Consultants Bureau

Sci - Chem
Aug 58

69,089

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Addition Reactions of Perfluoroolefins.
Communication 5. Conjugated Addition of Halogens,
by I. L. Knunyants, E. Ya. Pervova, V. V.
Tyulenova, 8 pp.

RUSSIAN, mo per, Is Ak Nauk, Otdel Khim Nauk,
No 7, 1956, pp 843-849.

Consultants Bureau

Sci - Chem
May 57

47,224

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Hydrogen Fluoride With Diazo Ketones, by I. L. Knunyants, Ya. M. Kisel, E. G. Rykhovskaya, 2 pp.

Full tr

RUSSIAN, no per, Is Ak Nauk, Otdel Khim Nauk, No 3, 1956, p 377. OIA 9000402

Consultants Bureau 38,655

Sci - Chemistry
Sep 56 CTS

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Progress in Establishing the Structure and the Synthesis of Protein, by I. L. Knunyants, E. Ya. Perova.

RUSSIAN, per, 8 times yr, Uspekh Khim, Vol XXIV, No 6, 1955, pp 641-672.

Tech & Comm Tr
Hanns George Voelker,
2135 Spruce St.
Philadelphia 3, Pa.

32,188

USSR
Sci - Chemistry

Mar 1956 CTS

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 6. 2-(Acylamino)-3-haloacrylic Acids and Their Derivatives, by O. V. Kildisheva, M. G. Linkova, I. L. Knunyants, 6 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, Mar/Apr 1955, pp 282-288. CIA D 151364

Consultants Bureau

Scientific - Chemistry

75,949

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 5. N-Acyl-3-Halo-2-hydroxyalanines and Their Derivatives by O. V. Kildisheva, M. G. Linkova, I. L. Knunyants, 10 pp.

Full translation.

RUSSIAN, bimo per, Is Ak Nauk SSSR, Otdel Khim Nauk, No 2, Mar/Apr 1955, pp 271-281. CIA D 151364

Consultants Bureau

25,948

Scientific - Chemistry

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 4. N-Acyl-2,3-dihaloalanines, by O. V. Kildisheva, L. P. Rastvikene, I. L. Knunyants, 10 pp.

Full translation.

RUSSIAN, bimo per, Dk Ak Nauk SSSR. Otdel Khim Nauk, No 2, Mar/Apr 1955, pp 260-270. CIA D 151364

Consultants Bureau

Scientific - Chemistry

25,947

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 7. Reactions of N-Acyl-2,3-dibaloalanines and (Acyloxy) Pyruvic Acids, by O. V. Kildisheva, M. G. Linkova, I. L. Knunyants, 8 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May-Jun 1955, pp 452-461. CIA C 39502

Consultants Bureau

28,805

USSR
Scientific - Chemistry

Nov 55 CTS/DEX

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 8. Alkylation and Acylation of Cysteine and 3,3-Dimethylcysteine by Derivatives of N-Acyl-3-haloalanines, by I. L. Knunyants and V. V. Shokina, 8 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May-Jun 1955, pp 462-471. CIA C 39502

Consultants Bureau

USSR
Scientific - Chemistry

Nov 55 CTS/DEX

28,806

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Addition Reactions of Perfluoroolefins. Communication 4. Reaction of Vinylidene Fluoride With Sulfur Chlorides and With Alkanesulfenyl Chlorides, by I. L. Knunyants, E. G. Vykhovskaya, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 9, Sep/Oct 1955, pp 852--858.
CIA 54276 3-C, reel 3

37,920

Consultants Bureau

Sci - Chemistry
Aug 56

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Linear, Polyfliorinated, Analogois, Bifunctional Compounds as Potential Monomers, by I. L. Knunyants, Li Chzh-yan.

RUSSIAN, Uspekhi Khimiy,.

*Redstone Arsenal

Sci-Chem

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Fluorine-Containing β-Lactones. Communication 1. β,β-Bistrifluoromethyl-β-Propiolactone and Its Properties, by I. L. Knunyants, Yu. A. Cheburkov, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1960, pp 678-685.

CB

Sci

May 62 194,351

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Knunyants, I. L. and Sokol'skii, G. A. [1962]
ELECTROCHEMICAL FLUORINATION. [36]p. (2 figs. equations refs. omitted).
Order from OTS or SLA $3.60 62-10564

Trans. of Reaktsii i Metody Issledovaniya Organicheskikh Soedinenii (USSR) 1957, v. 6, p. [343]-367.

DESCRIPTORS: *Electrochemistry, *Fluorination, Electrolysis, Electrolytes, Temperature, Organic compounds.

Data are presented on (1) the nature of the electrochemical fluorination method, (2) the apparatus and materials of the method, (3) areas for application of the method, and (4) examples of electrochemical fluorination.

(Chemistry--Physical, TT, v. 8, no. 9)

62-10564

I. Knunyants, I. L.
II. Sokol'skii, G. A.

C225866

Office of Technical Services

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Fluorinated Ketones. Communication 1. Perfluoroacetone and Its Reactions With Alcohols, Organometallic Compounds, and Compounds Containing Mobile Hydrogen, by I. L. Knunyants, Ch'en Ch'ing-Yun, 7 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 4, 1960, pp 686-692.

CB

Sci

XX 194,452

May 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Unsaturated Acids Containing Trifluoromethyl Groups. Communication 1. Polarization of the Double Bond in 3,3-Bistrifluoromethylacrylic Acid, by I. L Knunyants, Yu. A. Cheburkov, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1960, pp 2162-2167.

CB

Sci

May 62

194,499

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Unsaturated Acids Containing Trifluoromethyl Groups. Communication 2. Free-Radical Addition of Hydrogen Bromide to 3,3-Bistrifluoromethylacrylic Acid, by I. L. Knunyants, Yu. A. Cheburkov, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 12, 1960, pp 2168-2172.

CB

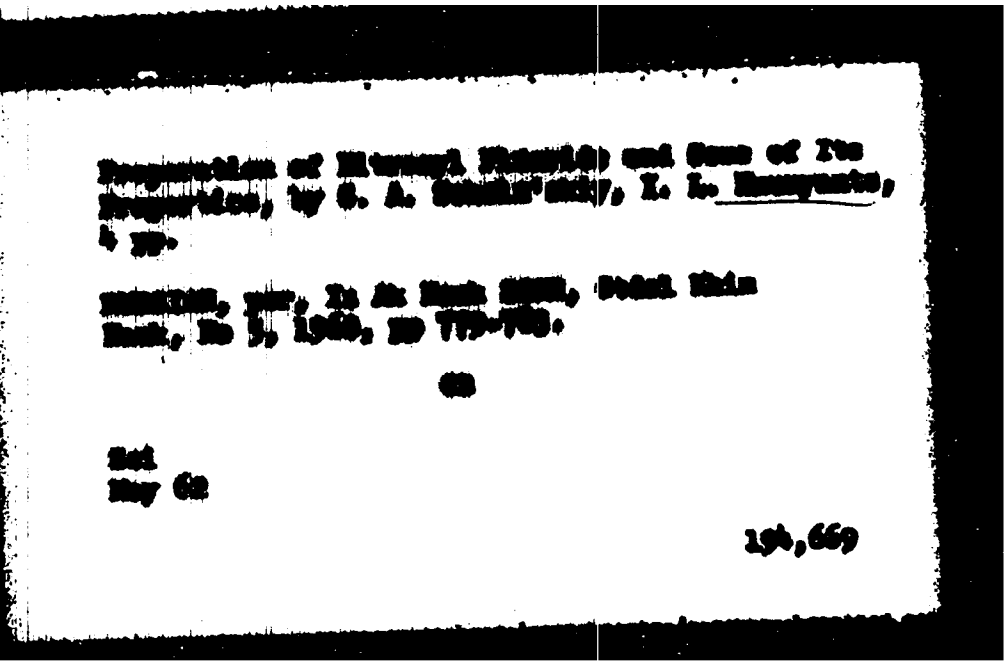
Sci

May 62

194;500

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9



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APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Fluorine Containing β-Lactones. Part II. β-Trifluoromethyl-β-methyl-β-propiolactone, by I. L. Knunyants, Yu. A. Cheburkov, 3pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 5, 1961, pp 808-810.

GB

Sci

189,003

Mar 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

In Honor of the Sixtieth Birthday of A. N. Nesmeyanov, by I. L. Knunyants, A. V. Topchiev, 3pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1959, pp 1355-1361.

CB

Sci -
May 61

152, 784

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Tetrakistrifluorovinylsilane, by R. N. Sterlin, I. L. Knunyants, L. N. Pinkina, 3 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 8, 1959, pp 1492, 1493.

CB

Sci -
May 61

152, 778

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Fluoro Olefins. Communication 9. Action of Anhydrous Aluminum Chloride on Fluoro Olefins, by R. N. Sterlin, V. A. [illegible]erov, M. Knunyants, 3 pp.

RUSSIAN, [illegible] Ya, Ak Nauk SSSR, Otdel Khim Nauk, No 1, 19[illegible] pp 62-64.

Consultants Bureau

Sci - Chem

Apr 60

113,181

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Addition Reactions of Perfluoroolefins.
Communication 3. Addition of Sulfur Chlorides,
by I. L. Knunyants, A. V. Fokin, 6 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk,
No 4, Jul/Aug 1955, pp 705-710. CIA C 41476

Consultants Bureau
32,622

Scientific - Chemistry
Mar 56 CTS/dex

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 10. New Method for the Synthesis of Polypeptides, by I. L. Knunyants, O. V. Kilisheva, E. Ya. Pervova, [redacted] 8 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk, Otdel Khim Nauk, No 4, Jul/Aug 1955, pp 696-704. CIA C 41476

Consultants Bureau

32,623

Scientific - Chemistry
Mar 56 CTS/dex

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

New Method of Preparing β-Lactams, by I. L. Knunyants, N. P. Gambaryan, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, Nov/Dec 1955, pp 1037-1042. CIA 54276d C, real 3.

Consultants Bureau

Sci - Chemistry

37,635

Aug 1956

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

New Method for the Preparation of Primary and Secondary Organoarsenic Compounds, by I. L. Knunyants, V. Ya. Pilskaya, 6 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May-Jun 1955, pp 472-479. CIA C 39502.

Consultants Bureau

28,807

USSR
Scientific - Chemistry

Nov 55 CTS/DEX

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Beta-Thiolactones, by M. G. Linkova, O. V. Kildishevu, I. L. Knunyants, 2 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 3, May-Jun 1955, pp569. CIA C 39502

Consultants Bureau

USSR
Scientific - Chemistry

Nov 55 CTB/DEX

28,821

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Acid Halides of Aldehyde Acids, by V. V. Shokina, I. L. Knunyants, 4 pp.

RUSSIAN, no per, Zhur Obshch Khim SSSR, Vol XXV, No 4, Apr 1955, pp 758-760. CIA C 39500

Consultants Bureau

Scientific - Chemistry
Nov 55 CTS/DEX

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 3. Acylation and Alkylation of 3,3-Dimethylcysteine, by I. L. Knunyants, O. V. Kil'disheva, M. G. Linkova, 6 pp.

Full translation.

RUSSIAN. Izv Ak Nauk SSSR, Otdel Khim Nauk, No 1, Jan/Feb 1955, pp 71-77. CIA D 151141

Consultants Bureau

Scientific - Chemistry

24, 5/12

Jun 55

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

The Reaction of Aliphatic Oxides With Hydrogen,
by I. L. [redacted], O. V. Kil'disheva,
E. Bykovskaya.

RUSSIAN, no per, Zhur Obshch Khim, Vol XIX, No 1,
1949 (Jan), pp 93-103.

Consultants Bureau

Scientific - Chemistry

17,097

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Addition Reactions of Fluoroalkenes. Communication 2. Addition of Alcohols and Thiols to Perfluoropropene, by I. L. Knunyants, A. I. Shchekotikhin, A. V. Fokin, 7 pp.

RUSSIAN, biwo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 2, Mar/Apr 1953, pp 282-289.

Consultants Bureau

Scientific - Chemistry CTB/DNX

17,885

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Fluorine-Containing β-Sultones. Communication 5. Reaction of Fluorine-Containing β-Sultones with Alcohols, by M. A. Dmitriev, G. A. Sokol'skiy, I. L. Knunyants, 5 pp.

RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Khim Nauk, No 7, 1960, pp 1227-1230.

CB
165 860

Sci
Sep 61

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Addition Reactions of Perfluoro-olefins, by
I. L. Knunyants, A. V. Fokin, 5 pp.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk,
No 2, Mar-Apr, 1952, pp 261-267.

Consultants Bureau

USSR
Scientific - Chemistry

Mar 54 CSB/DEK

10,256

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Fluoroolefins. Part 2. Preparation and Some Properties of 2-Iodoperfluoropropene, by I. L. Knunyants et al.

RUSSIAN, per, Izvest Akad Nauk SSSR, Otdel Khim Nauk, [illegible], No 4, pp 425-427.

1958 AMS RJ-1651

Sci - Chem

Jul 59

90,836

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 2. Acylation and Alkylation of 3,3-Dimethylcysteine, by I. L. Knunyants, M. G. Linkova, 8 pp.

Full translation.

RUSSIAN, bimo per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 1, Jan/Feb 1955, pp 62-70. CIR # 15131

Consultants Bureau

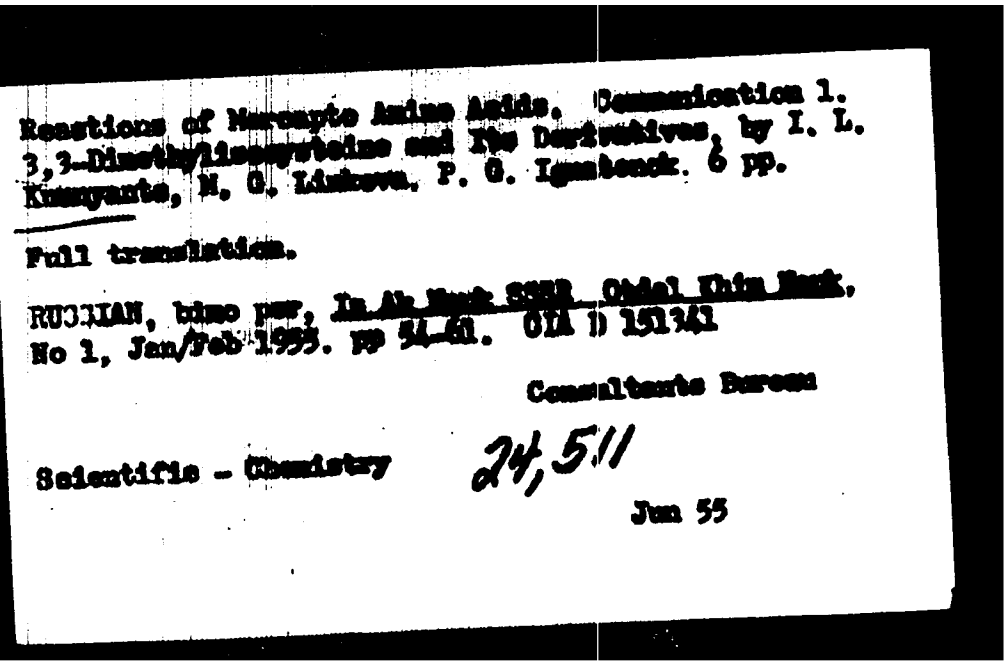
Scientific - Chemistry

24,513

Jun 55

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9



Reactions of Mercapto Amino Acids. Communication 1. 3,3-Dimethylmercaptoalanine and Its Derivatives, by I. L. Knunyants, N. G. Likhosva, P. G. Igumbenok. 6 pp.

Full translation.

RUSSIAN, bimo pam, In-Ak Nauk SSSR Otdel Khim Nauk, No 1, Jan/Feb 1955. pp 54-61. OTS 61 15134l

Consultants Bureau

Scientific - Chemistry 24,511

Jun 55

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Decarboxylation of α-Acylamino β-Halo Carboxylic Acids, by O. V. Kildisheva, N. P. Gambaryan, M. M. Polonskaya, I. L. Knunyants, 4 pp.

RUSSIAN, no per, Is Ak Nauk, Otdel Khim Nauk, No 7, 1956, pp 850-854.

Consultants Bureau

47,226

Sci - Chem
May 57

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Vinylogs of Malonaldehyde, by I. L. Knunyants, A. K. Shillegodskii, 11 pp.

Full translation.

RUSSIAN, per, Zhur Obshch Khim, Vol XVIII, No 2, 1948, pp 184-189.

CIA/FDD/X-975

USSR

Scientific - Chemistry

CTS/DEK 3831

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

The Interaction of φ-Olefins[Perfluoroolefins] With Hydroxylamine, by I. L. Knunyants, E. G. Perevalova, V. N. Frosin, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 2, pp 337-340.

CB

126,384

Sci
Aug 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Fluorine Containing B-Sultones, Communication 8. B-Sultones as Promoters of Acylation, by G. A. Sokol'skiy, I. L. Knunyants, 3 pp

RUSSIAN, per. Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1961, pp 1053-1054

CB

200, 711

Sci
Apr 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Unsaturated Acids Containing a Trifluoromethyl Group. Communication 3. Polarization of the Double Bond in β-Trifluoromethylcrotonic Acid, by I. L. Knunyants, Yu. A. Cheburkov. 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 6, 1961, pp 1057-1062.

CB

200.712

Sci
Apr 62

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Mercapto Amino Acids. Communication 12. Acylation of 3-Mercaptovaline With 2-(Acylamino)Acrylic Acids and With 3-Oxazolin-5-Ones, by I. L. Knunyants, O. V. Kil'disheva, M. [illegible] Krasuskaya, et al, 9 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk, No 10, 1959, pp 1777-1786.

CB

Sci
Jun 61

157,977

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

The Addition of Alkylsulfenyl Chlorides to Derivatives of Acrylic Acid, by M. G. Lin'kova, N. D. Patrina, I. L. Knunyants, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXVII, No 4, pp 799-802.

CB

Sci
Aug 60

126,401

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

A New Method for the Preparation of Propiothiolactones, by M. G. Lin'kova, N. D. Patrina, I. L. Knunyants, 4 pp.

RUSSIAN, per Dok Ak Nauk SSSR, Vol CXXVII, No 3, pp. 564-566.

CB

126,394

Sci
Aug 60

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

KNUNYANTS, I. L., KIL'DASHEVA, O. V., and PETROV, I. P., Inst of Org Chem, Acad Sci USSR

The Reaction of Aliphatic Oxides with Hydrogen Fluoride I.

Zhur Obshch Khim, Vol XIX, No 1, 1949 (Jan), pp 87-91

Consultants Bureau Translation

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9

Reactions of Hexafluorobutadiene-1,3 With Alcohols and Amines, by I. L. Knunyants, B. L. Dyatkin, L. S. German, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5, 1959, pp 1065-1068.

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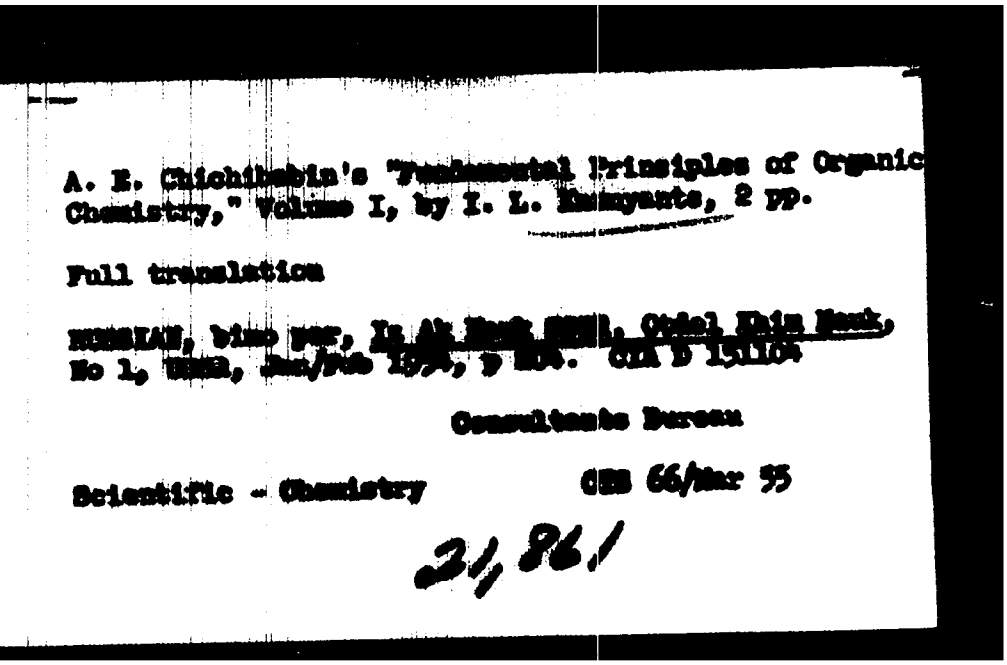

A. E. Chichibabin's "Fundamental Principles of Organic Chemistry," Volume I, by I. L. Knunyants, 2 pp.

Full translation

RUSSIAN, Vino pyc, Ig Ak Nauk SSSR, Otdel Khim Nauk, No 1, 1955, Jan/Feb 1955, 2 pp. CIA 5 15110

Consultants Bureau

Scientific - Chemistry CBB 66/Mar 55

21,861

APPROVED FOR RELEASE: Tuesday, July 09, 2002 CIA-RDP91-00772R000200860049-9